

Pipeline Corrosion Control: a historical perspective and a Guided Wave approach to the future

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The occurrence of corrosion, erosion and mechanical damage to pipes and pipelines means that there is great interest in advances in methods of inspection. Of particular importance are improvements in the speed of inspection, tool accessibility, inspection range and costs. This paper presents an evolution of pipeline inspection techniques since 1970s and offers a comparison of techniques such as Pigs and Crawlers and the more recent guided wave systems.